In The Specification:

At page 1, line 20, please amend the specification as follows:
• Worldwide Population Portal Website.

At page 14, line 21, please amend the specification as follows:
• GML.

At page 16, line 4, please amend the specification as follows:
This function allows users to move a selected vertex of a polygon object.

At page 17, lines 9 and 12, please amend the specification as follows:

• **Area-Based Sampling**
   o Systematic
   o Random.
• **Point-Based Sampling**
   o Systematic
   o Random.

At page 18, line 6, please amend the specification as follows:
4) Select a sampling type: systematic or random.

At page 19, line 15, please amend the specification as follows:
• GML.

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At page 20, line 13, please amend the specification as follows:

- Estimation model used.

At page 24, line 4, please amend the specification as follows:
- OGC WFS format (GML).

At page 24, line 18, please amend the specification as follows:

- Move forward to a previously defined map position.

At page 25, line 3, please amend the specification as follows:
- Map legend displaying all current data layers and/or symbology.

At page 26, line 5, please amend the specification as follows:
- Map Reader (must attempt Section 508 compatibility at the mapping level).

At page 29, line 3, please amend the specification as follows:
- Web hosting infrastructure and capabilities.

At page 30, line 6, please amend the specification as follows:
- Effective PDA and Desktop Software Communication and integration.

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At page 30, lines 13 and 14, please amend the specification as follows:

- Assess the population's accessibility to health, sanitation, and other services.

See Fig. 13.

At page 31, line 10, please amend the specification as follows:

- the spatial bias of randomness is minimized, ensuring that the designated area within the study area boundary has equal probability for random sampling.

At page 32, line 10, please amend the specification as follows:

B. The Most Comprehensive Population Estimation Methodology Integration (See Fig. 16).

At page 33, line 3, please amend the specification as follows:

- Transect Method.

At page 34, line 3, please amend the specification as follows:
For example, in the Point Quarter method, a user clicks on the nearest house 200 in each quad (four clicks on the map). The system automatically computes the distances among the sampling point 200 and survey points 205, and adds this information into the database. The option of "map zoom" allows user to automatically zoom to selected sampling location. See Fig. 17.

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At page 34, line 8, please amend the specification as follows:

For the T-Square method, only two survey points need to be defined, and other procedures follow the same methodology as the Point-Quarter method described above. The system draws a reference line after a first point 300 is defined. Users use the reference lines to make sure that the angle among the sampling point, the first nearest·house to the sampling point 305, and the first nearest house to the first survey point 310 is greater than 90 degree.__See Fig. 18_.

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